Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 26 Dec 2021 until 23:59 on Monday 27 Dec 2021

Forecast Issued on Sunday 26 Dec 2021 at 00:52

Confidence: High for becoming milder and showery on Sunday and for unsettled, mostly mild conditions into next week, but increasingly lower confidence for details.

Headline for Sunday 26 Dec 2021: Snow on the tops at first, then patchy rain or drizzle in morning. Staying rather cloudy and murky in the afternoon.

Mountain weather hazards on Sunday 26 Dec 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Sleet	Fog	Fog	Fog	Fog
Precipitation probability					
70%	70%	30%	20%	10%	10%

Forecast for Sunday 26 Dec 2021

Weather: Snow overnight, with risk of blizzard conditions on the tops, but turning to rain on lower slopes by end of night. A dull start, snow on the tops at first but turning to rain or drizzle at all heights in morning and becoming patchy. Staying rather cloudy in the afternoon, still a good deal of hill fog around.

Chance of cloud free mountain/hill tops above 600m: Nil becoming 10% in afternoon

Visibility: Moderate or poor, becoming mostly good beneath cloud through the morning, but very poor at height, with extensive cloud down to 400m, possibly 200m at first. Cloud base persisting around 400m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Sunday 26 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/32 E	18/27 SE	13/18 SE	10/13 SE	8/11 S	10/13 S	10/14 S
300	19/31 E	12/23 E	7/13 E	4/9 E	6/9 SE	5/9 SE	8/13 S
Valley	18/28 E	13/21 E	9/15 E	6/11 E	4/10 SE	4/10 SE	5/11 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	0/-6	2/-3	2/-2	2/-1	2/-1	3/-1
300	1/-5	2/-3	3/-0	3/1	4/2	4/2	5/2
Valley	2/-4	2/-2	3/0	4/2	4/3	5/3	4/3
Freezing Level*	400m	700m	1300m	1300m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Becoming less coldr with winds falling light, but still a significant chill at height well into the day. Navigational difficulties to be expected with snow at height at first and rather extensive hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 26 Dec 2021	13mm	18.2mm	19.8mm

Forecast for Monday 27 Dec 2021

Weather: Dry with a few clear spells developing in early hours but patchy fog could form and cloud thickening later in night. Cloud soon thickening and lowering in morning to bring outbreaks of rain, but probably a drier spell in the afternoon and also becoming generally dry in evening, although areas of hill fog persisting

Maximum wind: Southeast 5-15mph becoming easterly 5-10 in morning, but north or northeast 5mph in evening.

Chance of cloud free mountain/hill tops above 600m: 60%, decreasing 10% or less in morning, but 30% later

Visibility: Good becoming moderate in rain and very poor at height with cloud soon lowering from 700m to 450m and becoming extensive in morning, with patches down to 300m at times, though cloud more broken later.

Temperature: **Valleys:** Plus 4 C rising to plus 9 C
At 600m: Plus 6 C, later plus 4 C
Freezing level: Above the tops, falling to 900m later

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.